

## STIC Database Tracking Number:

To: Examiner **Lena NAJARIAN**  
Location: **KNX5A59**  
Art Unit: **3686**  
Date: **04/16/09**  
Case Serial Number: **09/784889**

From: **Matthew Hogan**  
Location: **EIC3600**  
**KNX 4B71**  
Phone: **(571) 272-6674**  
**Matthew.Hogan@uspto.gov**

## Search Notes

Dear Examiner **NAJARIAN**:

Please find attached the results of your **FULL TEMPLATE** for class/subclass search for the above-referenced case. The search was conducted in Dialog, ProQuest (Financial Times), and EBSCO.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you find useful.

Please note that the results, after the potential references of interest, proceed through an Inventor search (which is provided without regard to priority date) and then to results in both Abstract and Full Text databases (which are more directly screened for priority date). One result in yellow and black highlight is so shortly past the date and apparently so directly relevant that is noted inside, but I have no indication of any earlier publication or activity at this time.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

|   |    |
|---|----|
| I. POTENTIAL REFERENCES OF INTEREST.....                  | 3  |
| II. INVENTOR SEARCH .....                                 | 12 |
| A. Dialog .....   | 12 |
| III. TEXT SEARCH RESULTS FROM DIALOG (FULL TEXT DBS)..... | 14 |
| IV. TEXT SEARCH RESULTS FROM DIALOG (ABSTRACT DBS).....   | 34 |
| A. Abstract Databases -- Patent.....                      | 34 |
| V. ADDITIONAL RESOURCES SEARCHED .....                    | 49 |

## I. Potential References of Interest

*\* EIC-Searcher identified “potential references of interest” are selected based on the terms/concepts provided in the examiner’s search request.*

9/3K/1 (Item 1 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00723335

**Remote access medical network.**

Medizinisches Netzwerk mit Fernzugriff.

Reseau medical a acces a distance.

### **Patent Assignee:**

- **AT&T GLOBAL INFORMATION SOLUTIONS INTERNATIONAL INC.;** (1449481)  
1700 South Patterson Boulevard; Dayton, Ohio 45479; (US)  
(applicant designated states: DE;FR;GB)

### **Inventor:**

- **Yaker, Rhoda**  
240 Hamden Road; Annandale, New Jersey 08801; (US)
- **Laughlin, David Paul**  
1020 Carlo Drive; Kettering, Ohio 45429; (US)
- **Horst, William Richard**  
Deceased; ; (US)

### **Legal Representative:**

- **Irish, Vivien Elizabeth et al (32204)**  
International IP Department, NCR Limited, 206 Marylebone Road; London NW1 6LY; (GB)

|             | Country | Number   | Kind | Date     |         |
|-------------|---------|----------|------|----------|---------|
| Patent      | EP      | 683465   | A2   | 19951122 | (Basic) |
|             | EP      | 683465   | A3   | 19960612 |         |
| Application | EP      | 95303254 |      | 19950516 |         |
| Priorities  | US      | 248267   |      | 19940519 |         |

### **Designated States:**

DE; FR; GB;

**International Patent Class (V7):** G06F-017/60; ; **Abstract Word Count:** 185

| Type | Pub. Date | Kind | Text |
|------|-----------|------|------|
|------|-----------|------|------|

Publication: English

Procedural: English

Application: h  
Englis  
h

| Available Text                        | Language  | Update | Word Count |
|---------------------------------------|-----------|--------|------------|
| CLAIMS A                              | (English) | EPAB95 | 308        |
| SPEC A                                | (English) | EPAB95 | 1434       |
| Total Word Count (Document A) 1742    |           |        |            |
| Total Word Count (Document B) 0       |           |        |            |
| Total Word Count (All Documents) 1742 |           |        |            |

**Specification:** ...hospital bills to insurance network 12. Pharmacy remote terminal 34 transmits a patient's pharmacy **bills** to **insurance network** 12. **Laboratory** remote terminal 38 transmits a patient's **laboratory bills** to **insurance network** 12. Physician remote terminal 42 transmits a patient's physician bills to insurance network 12...

9/3K/4 (Item 2 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00801844

**ELECTRONIC HEALTHCARE INFORMATION AND DELIVERY MANAGEMENT SYSTEM**  
SYSTEME ELECTRONIQUE DE GESTION DES INFORMATIONS RELATIVES AUX SOINS DE  
SANTE ET DE LA DIFFUSION

**Patent Applicant/Patent Assignee:**

- **RECARÉ INC**

Suite 207, 9801 Anderson Mill Road, Austin, TX 78750; US; US(Residence); US(Nationality); (For all designated states except: US)

**Patent Applicant/Inventor:**

- **LIPSCHER Randolph**

12349 Metric Boulevard #1524, Austin, TX 78758; US; US(Residence); --(Nationality); (Designated only for: US)

- **GRIFFIN Christopher**

2003 Kenwood Avenue, Austin, TX 78704; US; US(Residence); --(Nationality); (Designated only for: US)

- **DAHLIN Michael**

118 Bluff Park Circle, Austin, TX 78746; US; US(Residence); --(Nationality); (Designated only for: US)

**Legal Representative:**

- **RUSSELL Douglas D(agent)**

Taylor Russell & Russell, P.C., Building One, Suite 1200, 4807 Spicewood Springs Road, Austin, TX 78759; US;

|             | Country | Number      | Kind | Date     |
|-------------|---------|-------------|------|----------|
| Patent      | WO      | 200135376   | A1   | 20010517 |
| Application | WO      | 2000US31253 |      | 20001110 |
| Priorities  | US      | 99165056    |      | 19991112 |
|             | US      | 99440557    |      | 19991115 |

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR,  
 BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM,  
 DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
 KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
 MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,  
 RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,  
 TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,  
 ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
 GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
 MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
 UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 19968

#### **Detailed Description:**

...included  
 software for creating and storing medical records, writing and transmitting prescriptions, ordering and reviewing **lab** tests, **verifying insurance coverage** and **billing** of services.

Attempts at solving these problems involve computer software and hardware systems that are... ..to further streamline several aspects of medical practice including medical records, prescription writing and delivery, **lab** ordering, **insurance verification** and **billing**. The Internet offers a low-cost, universally available platform for creating, accessing, and delivering data...

9/3K/6 (Item 4 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00730954

**METHOD, DEVICE AND SYSTEM FOR FACILITATING ENTRY AND UPDATE OF MULTI-SOURCE MEDICAL INFORMATION**

PROCEDE, DISPOSITIF, ET SYSTEME POUR FACILITER L'ENTREE ET LA MISE A JOUR D'INFORMATIONS MEDICALES MULTISOURCES

**Patent Applicant/Patent Assignee:**

- **MEDITECH INFORMATION SYSTEMS LTD**  
12 Haights Cross Road, Chappaqua, NY 10514; US; US(Residence); US(Nationality)

**Inventor(s):**

- **KLEIN Edward E**  
12 Haights Cross Road, Chappaqua, NY 10514; US

**Legal Representative:**

- **RZUCIDLO Eugene C**  
Graham & James LLP, 885 Third Avenue, 21st Floor, New York, NY 10022; US;

|             | Country | Number     | Kind | Date     |
|-------------|---------|------------|------|----------|
| Patent      | WO      | 200043941  | A1   | 20000727 |
| Application | WO      | 2000US1427 |      | 20000120 |
| Priorities  | US      | 99233869   |      | 19990120 |
|             | US      | 99356750   |      | 19990719 |

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR,  
BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM,  
EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,  
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,  
LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,  
MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,  
TZ, UA, UG, UZ, VN, YU, ZA, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;  
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 10191

**Detailed Description:**

...of input databases including, for example, at least one of: a pharmacy database, a medical **laboratory** test facility database, a **billing** database or an **insurance database**. Typically, a **central database** can be accessible by at least one network. The medical information unit may be one...a plurality of input databases including at least one of: a pharmacy database, a medical **laboratory** test facility database, a **billing** database or an **insurance database**. A **central database** is generally accessible by at least one network. The medical information unit may be one...

14/5,K/7 (Item 4 from file: 9)  
DIALOG(R)File 9: Business & Industry(R)  
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01686507 Supplier Number: 24421721 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Healtheon Blazes Toward Market**

( **Healtheon, which offers Internet-based networks to healthcare firms, planning public offering despite losses of \$71.7 mil since 12/95 formation** )

The IPO Reporter , p N/A  
October 19, 1998

**Document Type:** Newsletter **ISSN:** 0278-0038 ( United States )

**Language:** English **Record Type:** Fulltext

**Word Count:** 436

**TEXT:**

By Stephen Lacey

Healtheon (NNM:HLTH) is just the kind of company that would have taken the market by storm in a healthier market. The provider of Internet-based networks to the healthcare industry, boasts a star-studded syndicate team, headed by Morgan Stanley Dean Witter and including book managers Goldman, Sachs, Hambrecht & Quist and Volpe Brown Whelan, a visionary, high-profile management team headed by James H. Clark, co-founder of Netscape (NNM:NSCP), and an ambitious mandate of transforming the flood of paperwork throughout the healthcare industry into an electronic medium.

. . .  
**TEXT:**

...over a single network, connecting suppliers such as laboratories and pharmacies, healthcare providers, consumers and payors government agencies, insurance companies, managed care companies and preferred provider organizations.

0/5,K/1 (Item 1 from file: 621)  
DIALOG(R)File 621: Gale Group New Prod.Annou.(R)  
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02657725 **Supplier Number: 65475122 (THIS IS THE FULLTEXT)**  
**HealthWatch, Inc. and ProxyMed, Inc. Sign Network Services and Co-Marketing Agreement.**

PR Newswire , p NA  
Sept 26 , 2000  
**Language:** English **Record Type:** Fulltext  
**Document Type:** Newswire ; Trade  
**Word Count:** 560  
**Text:**

ATLANTA, Sept. 26 /PRNewswire/ --

HealthWatch, Inc.(Nasdaq: HEAL) announced today that it has signed an agreement with ProxyMed, Inc. under which HealthWatch will use ProxyMed's network services for connectivity to payers, pharmacies and labs and also provides for cobranding and comarketing of their respective physician office web based application services.

Under the terms of the agreement, HealthWatch's customers will have access to ProxyNet, ProxyMed's national healthcare network for connectivity to payors, pharmacies, and laboratories, providing them the ability to utilize claims submission and status, eligibility and referral verification, lab test orders and results and prescription services.

9/3K/5 (Item 3 from file: 349) [Links](#)  
Fulltext available through: [Order File History](#)  
PCT FULLTEXT  
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00772922

**METHOD OF SEQUENCING CHRONIC DISEASE TESTING, REPORTING AND EVALUATION**  
**METHODES DE SEQUENCEMENT DES OPERATIONS DE TEST, DE COMMUNICATION ET**  
**D'EVALUATION DANS LE CADRE DE LA GESTION DE MALADIES CHRONIQUES**

**Patent Applicant/Inventor:**



- **SHEA Robert S**  
5705 W. 129th Street, Overland Park, KS 66209; US; US(Residence); US(Nationality)
- **MUSSATTO James J**  
4424 W. 150th St., Leawood, KS 66224; US; US(Residence); US(Nationality)

**Legal Representative:**

- **STITT Richard P**  
1000 Walnut St., Ste 1400, Kansas City, MO 64106; US;

|             | Country | Number      | Kind | Date     |
|-------------|---------|-------------|------|----------|
| Patent      | WO      | 200106429   | A1   | 20010125 |
| Application | WO      | 2000US18780 |      | 20000708 |
| Priorities  | US      | 99353865    |      | 19990715 |

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)  
CA

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 10808

**Claims:**

...monitoring for return of said specimen from the patient  
receiving said specimen from the patient **confirming** payor data for received **specimen** performing **testing**  
on said **specimen** according to said testparameters set to generate a test result, andreporting said test...

**LISTED DATE IS NOT PRIOR BUT CLOSE**

8/3,K/5 (Item 5 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0012385780 & & *Drawing available*

WPI Acc no: 2002-329232/200236

XRFX Acc No: N2002-258448

**Facilitating delivery of medical services in clinician-patient encounter from a single point of**

# **integration of an electronic health-care information service**

Patent Assignee: BECKER S (BECK-I); BOWLIN F (BOWL-I)

Inventor: BECKER S; BOWLIN F

Patent Family ( 4 patents, 94 & countries )

| Patent Number  | Kind | Date     | Application Number | Kind | Date     | Update | Type |
|----------------|------|----------|--------------------|------|----------|--------|------|
| WO 2002001470  | A1   | 20020103 | WO 2001US20605     | A    | 20010627 | 200236 | B    |
| AU 200171575   | A    | 20020108 | AU 200171575       | A    | 20010627 | 200236 | E    |
| US 20020019749 | A1   | 20020214 | US 2000214607      | P    | 20000627 | 200236 | E    |
|                |      |          | US 2001893359      | A    | 20010626 |        |      |
| EP 1316039     | A1   | 20030604 | EP 2001950603      | A    | 20010627 | 200337 | E    |
|                |      |          | WO 2001US20605     | A    | 20010627 |        |      |

Priority Applications (no., kind, date): US 2000214607 P 20000627; US 2001893359 A 20010626

## Patent Details

| Patent Number                       | Kind  | Lan | Pgs | Draw | Filing Notes           |                |
|-------------------------------------|---|-----|-----|------|------------------------|----------------|
| WO 2002001470                       | A1  | EN  | 67  | 18   |                        |                |
| National Designated States,Original | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW |     |     |      |                        |                |
| Regional Designated States,Original | AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  |     |     |      |                        |                |
| AU 200171575                        | A   | EN  |     |      | Based on OPI patent    | WO 2002001470  |
| US 20020019749                      | A1  | EN  |     |      | Related to Provisional | US 2000214607  |
| EP 1316039                          | A1  | EN  |     |      | PCT Application        | WO 2001US20605 |
|                                     |   |     |     |      | Based on OPI patent    | WO 2002001470  |
| Regional Designated States,Original | AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR   |     |     |      |                        |                |

**Alerting Abstract** ...NOVELTY - Selected diagnosis is prepared, step 400, the preliminary elements of the care plan are **compared** to personal data of the patient and basic medical authority rules are applied to **verify** the elements, step 402 and required changes are determined, step 404 and are made, step 406, before the elements are **compared** to rules from other medical and nonmedical authorities, step 408. If further changes are determined... ...to determine if the proper plan is accepted, step 416 and, if it is an **acceptable** plan, step 418, it can be accepted and initiated, steps 420,422. Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**The physician can change any items of the proposed treatment plan (406), with changes being **checked** against **payor** rules (**408**), prior **patient** information and selected authority guidelines. If a diagnosis/treatment element is not **authorized** by the **payor** for the selected **diagnosis**, the system notifies the physician, allowing changes (412) or offering electronic request for **payor authorization**. The system **may indicate** those diagnoses for which **payor** allows said elements, **allowing** the physician to choose a diagnosis that is consistent with the patient's symptoms and... ..diagnosis. The physician can change any items of the proposed treatment plan, with

changes being **checked** against **payor** rules, prior patient information and selected **authorities'** guidelines. **If** a diagnosis or treatment element is not **authorized** by the **payor** for the selected diagnosis, the **system** notifies the **physician**, allowing changes or offering electronic request for **payor authorization**. Additionally, the system may indicate those diagnoses **for which payor** allows said elements, allowing the physician to choose a diagnosis that is consistent with the patient's symptoms and supports the desired treatment. Upon... .. a diagnostic and treatment plan, the plan elements are preferably carried out automatically. For example, **payor authorizations** are requested as necessary, prescriptions are transmitted to the patient's preferred pharmacy, laboratory tests are ordered, and tests, referrals, and appointments are scheduled... .. The physician can change any items of the proposed treatment plan (406), with changes being **checked** against **payor** rules (408), prior patient information and selected authority guidelines. If a **diagnosis/treatment element** is not **authorized** by the **payor** for the selected diagnosis, the system notifies the physician, allowing **changes** (412) or **offering** electronic request for **payor authorization**. The system may indicate those diagnoses for which **payor** allows said elements, **allowing** the physician to choose a diagnosis that is consistent **with** the patient's symptoms and supports the desired treatment. Upon accepting a diagnostic/treatment plan... .. **Claims**: proposed plan of action composed of functional data; if the proposed plan of action is **acceptable** to the clinician, accepting the plan of action; and if the proposed plan of action is not **acceptable** to the **clinician**, altering or adding to the one or more elements until in order to make them **acceptable** for the care of a specific patient, wherein the method differentiates between descriptive data and functional data, the descriptive data regarding the **patient's** history, symptoms and physical examination findings being used by the clinician to form the...

## II. Inventor Search

### A. Dialog

[File 347] **JAPIO** Dec 1976-2008/Oct(Updated 090220)  
(c) 2009 JPO & JAPIO. All rights reserved.

[File 348] **EUROPEAN PATENTS** 1978-200915  
(c) 2009 European Patent Office. All rights reserved.

[File 349] **PCT FULLTEXT** 1979-2009/UB=20090402|UT=20090326  
(c) 2009 WIPO/Thomson. All rights reserved.

[File 350] **Derwent WPIX** 1963-2009/UD=200919  
(c) 2009 Thomson Reuters. All rights reserved.

| Set | Items | Description  |
|-----|-------|--|
| S1  | 1522  | S AU=(BENNETT, R? OR BENNETT R? OR TATE, A? OR TATE A? OR RAPPERPORT, D? OR RAPPERPORT D? OR EASTMAN, R? OR EASTMAN R? OR DEBOLD, R? OR DEBOLD R?) |
| S2  | 83    | S S1 AND MEDIC?  |
| S3  | 24    | S S2 AND TEST? ?   |
| S4  | 28    | S S1 AND IC=A61B   |
| S5  | 52    | S S3 OR S4   |
| S6  | 52    | IDPAT (sorted in duplicate/non-duplicate order)  |
| S7  | 47    | IDPAT (primary/non-duplicate records only)   |
| S8  | 2     | S S1 AND CENTRAL()COMPUTER   |
| S9  | 28    | S S1 AND LABORATORY  |
| S10 | 28    | S S8 OR S9   |
| S11 | 13    | S S10 NOT S7   |

11/3,K/13 (Item 2 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0013137733 & *Drawing available*

WPI Acc no: 2003-219999/200321

XRAM Acc no: C2003-055869

XRFX Acc No: N2003-175434

**Laboratory test order receiving method for biological specimen of patient involves transmitting information for generating test requisition and label for biological specimen to client computer.**

Patent Assignee: BENNETT R J (BENN-I); DEBOLD R S (DEBO-I); EASTMAN R M (EAST-I);

RAPPERPORT D A (RAPP-I); TATE A A (TATE-I)

Inventor: **BENNETT R J; DEBOLD R S; EASTMAN R M; RAPPERPORT D A; TATE A A**

Patent Family ( 1 patents, 1 & countries )

| Patent Number  | Kind | Date     | Application Number | Kind | Date     | Update | Type |
|----------------|------|----------|--------------------|------|----------|--------|------|
| US 20020161606 | A1   | 20021031 | US 2001784889      | A    | 20010216 | 200321 | B    |

Priority Applications (no., kind, date): US 2001784889 A 20010216

Patent Details

| Patent Number  | Kind | Lan | Pgs | Draw | Filing Notes |
|----------------|------|-----|-----|------|--------------|
| US 20020161606 | A1   | EN  | 36  | 12   |              |

**Laboratory test order receiving method for biological specimen of patient involves transmitting information for generating test...** **Original Titles:**Method and system for ordering a **laboratory** test for a patient and obtaining results thereof **Inventor:** BENNETT R J... ..DEBOLD R S... ..EASTMAN R M... ..RAPPERPORT D A... ..TATE A A **Alerting Abstract** ...NOVELTY - The **laboratory** test request from patient terminal, including billing and diagnosis information are received by the central... .. **laboratory** test **ordering** method; **laboratory** test result provision **method**; and **laboratory** test result obtaining method. ... USE - For receiving order of **laboratory** test of biological specimen such as blood, **urine**, or culture, of patient through the internet... .. ADVANTAGE - Enables the patient to obtain the **laboratory** test results in a secure and reliable **manner**. Provides a system which is user friendly... .. DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining **laboratory** test order receiving method.**Title Terms** /Index Terms/Additional Words: **LABORATORY**; **Class Codes** Original Publication Data by AuthorityArgentina**Publication No.** **Inventor name & address:**Bennett, Richard Joseph... ..Tate, Albert A... ..Rapperport, David Andrew... ..Eastman, Ryan Michael... ..DeBold, Randall Scott **Original Abstracts:** A method is provided for receiving an order for a **laboratory** test of a **biological** specimen for a patient utilizing a computer network including a client computer and a **central computer**. The method **includes facilitating** a connection between the client computer and the **central computer**. A **laboratory test request is received** at the **central computer** from the **client computer**. Patient, billing, and diagnosis information corresponding to the requested **laboratory** test is also **received** at the **central computer** from the **client computer**. Information is transmitted from the **central computer** to the **client computer** for generating a test requisition and a label for use with the biological specimen. **Claims:** What is claimed: **1.** In a computer network including a client computer and a **central computer**, a method of receiving an order of **a laboratory** test of a biological specimen for a patient **comprising** the steps of: (a) facilitating a connection between the client computer and the **central computer**; (b) receiving at the **central computer** a **laboratory test request from** the client computer and patient, billing, and diagnosis information **corresponding** to the requested **laboratory** test; and (c) transmitting to the client computer information for generating a **test** requisition and a label for use with the biological specimen.

### III. Text Search Results from Dialog (Full Text dbs)

#### A. Full-Text Databases – PATENT

[File 348] **EUROPEAN PATENTS** 1978-200915

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[File 349] **PCT FULLTEXT** 1979-2009/UB=20090402|UT=20090326

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| Set | Items | Description  |
|-----|-------|--|
| S1  | 750   | S ((SPECIMEN? OR TISSUE?)(2N)(TEST? OR DIAGNOSTIC?) OR LABORATOR???                  |
|     |       | OR LAB OR LABS OR SMITH()KLINE OR SMITHKLINE OR LABCORP OR QUEST()DIAGNOSTIC)        |
|     |       | (6N)(CHARGES OR CHARGING OR BILL??? OR COSTS OR INVOICE? OR FEE OR FEES OR COPAY? OR |
|     |       | PRICE? OR PAY???)  |
| S2  | 521   | S (GUARANTOR? OR INSUR? OR RESPONSIB? OR ANSWERABLE OR BENEFACOR?                    |
|     |       | OR PAYOR? OR CARRIER? OR SPONSOR? OR COVERAGE? OR COVEROR? OR ELIGIB? OR ACCEPTAB?   |
|     |       | OR MEDICARE OR MEDICAID OR POLICY OR POLICIES OR THIRD()PART???)                     |
| S3  | 303   | S MAINFRAME? ? OR (CORE OR COMMON OR NETWORK OR CENTRAL OR SYSTEM                    |
|     |       | OR MAIN OR SHARED OR MOTHER OR CORPORATE OR VERY()OWN OR IN()HOUSE OR                |
|     |       | INTERNAL)(4N)(COMPUTER? OR SERVER? ? OR MASTER? ? OR DATABASE? ? OR DATA()BASE? OR   |
|     |       | DATA(2N)FLOW? OR DATAFLOW? OR NETWORK? OR DATA(2N)STOR?)                             |
| S4  | 701   | S (QUER? OR VERIF? OR CONFIRM? OR CHECK? OR AUTHENTIC? OR AUTHORIZ?                  |
|     |       | OR APPROV? OR COMPAR? OR IDENTIF? OR INQUIR?)  |
| S5  | 33    | S S1(7N)S2   |
| S6  | 4     | S S5(7N)S3   |
| S7  | 9     | S S5(12N)S4  |
| S8  | 12    | S S6 OR S7   |
| S9  | 7     | S S8 NOT AY>2001   |

9/3K/1 (Item 1 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00723335

**Remote access medical network.**

Medizinisches Netzwerk mit Fernzugriff.

Reseau medical a acces a distance.

#### Patent Assignee:

- **AT&T GLOBAL INFORMATION SOLUTIONS INTERNATIONAL INC.;** (1449481)  
1700 South Patterson Boulevard; Dayton, Ohio 45479; (US)  
(applicant designated states: DE;FR;GB)

**Inventor:**

- **Yaker, Rhoda**  
240 Hamden Road; Annandale, New Jersey 08801; (US)
- **Laughlin, David Paul**  
1020 Carlo Drive; Kettering, Ohio 45429; (US)
- **Horst, William Richard**  
Deceased; ; (US)

**Legal Representative:**

- **Irish, Vivien Elizabeth et al (32204)**  
International IP Department, NCR Limited, 206 Marylebone Road; London NW1 6LY; (GB)

|             | Country | Number   | Kind | Date     |         |
|-------------|---------|----------|------|----------|---------|
| Patent      | EP      | 683465   | A2   | 19951122 | (Basic) |
|             | EP      | 683465   | A3   | 19960612 |         |
| Application | EP      | 95303254 |      | 19950516 |         |
| Priorities  | US      | 248267   |      | 19940519 |         |

**Designated States:**

DE; FR; GB;

**International Patent Class (V7):** G06F-017/60; ; **Abstract Word Count:** 185

| Type | Pub. Date | Kind | Text |
|------|-----------|------|------|
|------|-----------|------|------|

Publication: English

Procedural: English

Application: English

| Available Text                        | Language  | Update | Word Count |
|---------------------------------------|-----------|--------|------------|
| CLAIMS A                              | (English) | EPAB95 | 308        |
| SPEC A                                | (English) | EPAB95 | 1434       |
| Total Word Count (Document A) 1742    |           |        |            |
| Total Word Count (Document B) 0       |           |        |            |
| Total Word Count (All Documents) 1742 |           |        |            |

**Specification:** ...hospital bills to insurance network 12. Pharmacy remote terminal 34 transmits a patient's pharmacy **bills to insurance network 12**. **Laboratory** remote terminal 38 transmits a patient's **laboratory bills to insurance network 12**. Physician remote terminal 42 transmits a patient's physician bills to insurance network 12...

9/3K/4 (Item 2 from file: 349) [Links](#)Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00801844

**ELECTRONIC HEALTHCARE INFORMATION AND DELIVERY MANAGEMENT SYSTEM**

SYSTEME ELECTRONIQUE DE GESTION DES INFORMATIONS RELATIVES AUX SOINS DE  
SANTÉ ET DE LA DIFFUSION

**Patent Applicant/Patent Assignee:**

• **RECARE INC**

Suite 207, 9801 Anderson Mill Road, Austin, TX 78750; US; US(Residence); US(Nationality); (For all designated states except: US)

**Patent Applicant/Inventor:**

• **LIPSCHER Randolph**

12349 Metric Boulevard #1524, Austin, TX 78758; US; US(Residence); --(Nationality); (Designated only for: US)

• **GRIFFIN Christopher**

2003 Kenwood Avenue, Austin, TX 78704; US; US(Residence); --(Nationality); (Designated only for: US)

• **DAHLIN Michael**

118 Bluff Park Circle, Austin, TX 78746; US; US(Residence); --(Nationality); (Designated only for: US)

**Legal Representative:**

• **RUSSELL Douglas D(agent)**

Taylor Russell & Russell, P.C., Building One, Suite 1200, 4807 Spicewood Springs Road, Austin, TX 78759; US;

|             | Country | Number      | Kind | Date     |
|-------------|---------|-------------|------|----------|
| Patent      | WO      | 200135376   | A1   | 20010517 |
| Application | WO      | 2000US31253 |      | 20001110 |
| Priorities  | US      | 99165056    |      | 19991112 |
|             | US      | 99440557    |      | 19991115 |

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR,  
BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM,  
DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,  
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,  
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,  
ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;



[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 19968

**Detailed Description:**

...included  
software for creating and storing medical records, writing and transmitting prescriptions, ordering and reviewing **lab** tests, **verifying insurance coverage** and **billing** of services.

Attempts at solving these problems involve computer software and hardware systems that are... ..to further streamline several aspects of medical practice including medical records, prescription writing and delivery, **lab** ordering, **insurance verification** and **billing**. The Internet offers a low-cost, universally available platform for creating, accessing, and delivering data...

9/3K/5 (Item 3 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)  
PCT FULLTEXT

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00772922

**METHOD OF SEQUENCING CHRONIC DISEASE TESTING, REPORTING AND EVALUATION**

METHODES DE SEQUENCEMENT DES OPERATIONS DE TEST, DE COMMUNICATION ET  
D'EVALUATION DANS LE CADRE DE LA GESTION DE MALADIES CHRONIQUES

**Patent Applicant/Inventor:**

• **SHEA Robert S**

5705 W. 129th Street, Overland Park, KS 66209; US; US(Residence); US(Nationality)

• **MUSSATTO James J**

4424 W. 150th St., Leawood, KS 66224; US; US(Residence); US(Nationality)

**Legal Representative:**

• **STITT Richard P**

1000 Walnut St., Ste 1400, Kansas City, MO 64106; US;

|        | Country | Number    | Kind | Date     |
|--------|---------|-----------|------|----------|
| Patent | WO      | 200106429 | A1   | 20010125 |

|             |    |             |  |          |
|-------------|----|-------------|--|----------|
| Application | WO | 2000US18780 |  | 20000708 |
| Priorities  | US | 99353865    |  | 19990715 |

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)  
CA

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 10808

#### Claims:

...monitoring for return of said specimen from the patient  
receiving said specimen from the patient **confirming payor** data for received **specimen**, performing **testing**  
on said **specimen** according to said test parameters set to generate a test result, and reporting said test...

9/3K/6 (Item 4 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00730954

#### METHOD, DEVICE AND SYSTEM FOR FACILITATING ENTRY AND UPDATE OF MULTI-SOURCE MEDICAL INFORMATION

PROCEDE, DISPOSITIF, ET SYSTEME POUR FACILITER L'ENTREE ET LA MISE A JOUR  
D'INFORMATIONS MEDICALES MULTISOURCES

#### Patent Applicant/Patent Assignee:

##### • MEDITECH INFORMATION SYSTEMS LTD

12 Hights Cross Road, Chappaqua, NY 10514; US; US(Residence); US(Nationality)

#### Inventor(s):

##### • KLEIN Edward E

12 Hights Cross Road, Chappaqua, NY 10514; US

#### Legal Representative:

##### • RZUCIDLO Eugene C

Graham & James LLP, 885 Third Avenue, 21st Floor, New York, NY 10022; US;

|             | Country | Number     | Kind | Date     |
|-------------|---------|------------|------|----------|
| Patent      | WO      | 200043941  | A1   | 20000727 |
| Application | WO      | 2000US1427 |      | 20000120 |

|            |    |          |  |          |
|------------|----|----------|--|----------|
| Priorities | US | 99233869 |  | 19990120 |
|            | US | 99356750 |  | 19990719 |

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR,  
 BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM,  
 EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,  
 ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,  
 LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,  
 MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU,  
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,  
 TZ, UA, UG, UZ, VN, YU, ZA, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
 GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
 MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;  
 ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 10191

#### Detailed Description:

...of input databases including, for example, at least one of: a pharmacy database, a medical **laboratory** test facility database, a **billing** database or an **insurance database**. Typically, a **central database** can be accessible by at least one network. The medical information unit may be one...a plurality of input databases including at least one of: a pharmacy database, a medical **laboratory** test facility database, a **billing** database or an **insurance database**. A **central database** is generally accessible by at least one network. The medical information unit may be one...

#### Claims:

...a plurality of input databases including at least one of: a pharmacy database, a medical **laboratory** test facility database, a **billing** database or an **insurance database**.

4 The **system** of claim 1 wherein the central database is accessible by at least one network.

5...



B. Full-Text Databases – NON-PATENT

- File 15:ABI/Inform(R) 1971-2009/Apr 14**  
(c) 2009 ProQuest Info&Learning
- File 9:Business & Industry(R) Jul/1994-2009/Apr 15**  
(c) 2009 Gale/Cengage
- File 610:Business Wire 1999-2009/Apr 02**  
(c) 2009 Business Wire.
- File 810:Business Wire 1986-1999/Feb 28**  
(c) 1999 Business Wire
- File 275:Gale Group Computer DB(TM) 1983-2009/Mar 20**  
(c) 2009 Gale/Cengage
- File 624:McGraw-Hill Publications 1985-2009/Apr 15**  
(c) 2009 McGraw-Hill Co. Inc
- File 621:Gale Group New Prod.Annou.(R) 1985-2009/Mar 11**  
(c) 2009 Gale/Cengage
- File 636:Gale Group Newsletter DB(TM) 1987-2009/Mar 25**  
(c) 2009 Gale/Cengage
- File 613:PR Newswire 1999-2009/Apr 16**  
(c) 2009 PR Newswire Association Inc
- File 813:PR Newswire 1987-1999/Apr 30**  
(c) 1999 PR Newswire Association Inc
- File 16:Gale Group PROMT(R) 1990-2009/Mar 26**  
(c) 2009 Gale/Cengage
- File 160:Gale Group PROMT(R) 1972-1989**  
(c) 1999 The Gale Group
- File 634:San Jose Mercury Jun 1985-2009/Apr 15**  
(c) 2009 San Jose Mercury News
- File 148:Gale Group Trade & Industry DB 1976-2009/Apr 02**  
(c) 2009 Gale/Cengage
- File 20:Dialog Global Reporter 1997-2009/Apr 16**  
(c) 2009 Dialog
- File 149:TGG Health&Wellness DB(SM) 1976-2009/Mar W3**  
(c) 2009 Gale/Cengage
- File 444:New England Journal of Med. 1985-2009/Dec W4**  
(c) 2009 Mass. Med. Soc.
- File 455:Drug News & Perspectives 1992-2005/Aug**  
(c) 2005 Prous Science

**File 129:PHIND(Archival) 1980-2009/Feb W3**  
**(c) 2009 Informa UK Ltd**  
**File 130:PHIND(Daily & Current) 2009/Apr 15**

| Set | Items | Description  |
|-----|-------|--|
| S0  | 2     | *KEEP*   |
| S1  | 75101 | ((SPECIMEN? OR TISSUE?)(2N)(TEST? OR DIAGNOSTIC?) OR LABOR-<br>ACTOR??? OR LAB OR LABS OR SMITH()KLINE OR SMITHKLINE OR LABCO-<br>RP OR QUEST()DIAGNOSTIC) (6N)(CHARGES OR CHARGING OR BILL??? -<br>OR COSTS OR INVOIC? OR FEE OR FEES OR COPAY? OR PRICE? OR PAY-<br>???)                       |
| S2  | 35245 | (GUARANTOR? OR INSUR? OR RESPONSIB? OR ANSWERABLE OR BENEF-<br>ACTOR? OR PAYOR? OR CARRIER? OR SPONSOR? OR COVERAGE? OR COVE-<br>ROR? OR ELIGIB? OR ACCEPTAB? OR MEDICARE OR MEDICAID OR POLICY<br>OR POLICIES OR THIRD()PART???)  |
| S3  | 17028 | MAINFRAME? ? OR (CORE OR COMMON OR NETWORK OR CENTRAL OR S-<br>YSTEM OR MAIN OR SHARED OR MOTHER OR CORPORATE OR VERY()OWN OR<br>IN()HOUSE OR INTERNAL) (4N)(COMPUTER? OR SERVER? ? OR MASTER?<br>? OR DATABASE? ? OR DATA()BASE? OR DATA(2N)FLOW? OR DATAFLOW?<br>OR NETWORK? OR DATA(2N)STOR?) |
| S4  | 41747 | (QUER? OR VERIF? OR CONFIRM? OR CHECK? OR AUTHENTIC? OR AU-<br>THORIZ? OR APPROV? OR COMPAR? OR IDENTIF? OR INQUIR?)   |
| S5  | 5990  | S1(12N)S2  |
| S6  | 102   | S3(7N)S5   |
| S7  | 549   | S4(7N)S5   |
| S8  | 646   | S6 OR S7   |
| S9  | 463   | S8 NOT PY>2001   |
| S10 | 186   | RD (unique items)  |
| S11 | 0     | S10 AND CENTRAL()COMPUTER?   |
| S12 | 2     | S10 AND ((CLIENT OR OBJECT) (2N)SERVER?)   |
| S13 | 0     | S10(3N)QUER?   |
| S14 | 54    | S10(7N)INSUR?  |

14/5.K/46 (Item 1 from file: 160)  
 DIALOG(R)File 160: Gale Group PROMT(R)  
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00820421

**InfoMed Systems developed a hospital emergency room on-line system now being marketed by Tymshare.**

Information Hotline August, 1982 p. 7.8

Designed by and for emergency room physicians, the InfoMed retrieval system allows access, from a remote terminal, to a patient's medical data. A computer printout, available within 60 s, includes vital patient information, such as major or chronic diseases, allergies, medication or drug report, and EKG record, plus personal and health insurance data. The data base of patient information is stored on Tymshare computers, and

updated regularly from hospital data. A high level of security is reported to be maintained, with controlled access to patient information. Other benefits include immediate identification of insurance carriers, reduction of lab tests, and quicker billing, in addition to the primary one or more efficient emergency room operations.

**Company:**

\*InfoMed Systems

**Product:** \*Database Vendors NEC (7375900)

**Event:** \*Services Data (36)

**Country:** \*United States (1USA)

...is reported to be maintained, with controlled access to patient information. Other benefits include immediate identification of insurance carriers, reduction of lab tests, and quicker billing, in addition to the primary one or more efficient emergency room operations.

14/5.K/7 (Item 4 from file: 9)

DIALOG(R)File 9: Business & Industry(R)

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01686507 Supplier Number: 24421721 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Healtheon Blazes Toward Market**

( Healtheon, which offers Internet-based networks to healthcare firms, planning public offering despite losses of \$71.7 mil since 12/95 formation )

The IPO Reporter, p N/A

October 19, 1998

**Document Type:** Newsletter ISSN: 0278-0038 ( United States )

**Language:** English **Record Type:** Fulltext

**Word Count:** 436

**TEXT:**

By Stephen Lacey

Healtheon (NNM:HLTH) is just the kind of company that would have taken the market by storm in a healthier market. The provider of Internet-based networks to the healthcare industry, boasts a star-studded syndicate team, headed by Morgan Stanley Dean Witter and including book managers Goldman, Sachs, Hambrecht & Quist and Volpe Brown Whelan, a visionary, high-profile management team headed by James H. Clark, co-founder of Netscape (NNM:NSCP), and an ambitious mandate of transforming the flood of paperwork throughout the healthcare industry into an electronic medium.

"I think the vision of Healtheon's management is right on," said Stephen DeNelsky, who follows healthcare information systems (HCIS) companies for

ING Baring Furman Selz. "They know the Internet and have assembled a top notch management team all the way down the line."

It also, however, is losing money hand over fist, raising the question whether market participants will listen to its compelling story or balk at red ink quickly pouring out of its coffers.

"What kind of software company doesn't break even at an annual run rate of \$80 million in revenues?" quipped one analyst familiar with the offering.

Validating Healtheon's business model, HBO & Co. (NNM:HBOC) and Shared Medical Systems (NYSE:SMS), two of the nation's largest HCIS providers, have formulated strategies also using the Internet.

"One of the really compelling thing is that all of the HCIS's have some type of Internet strategy," noted DeNelsky. HBOC has a 5% stake in privately-held, Atlanta, Ga.-based WebMD, a provider of services and resources to doctors. SMS and Healthwave Communications Inc. are 50/50 joint venture partners in CommuniHealth, a Chicago-based provider of informational resources to the healthcare community.

Healtheon's business model, however, calls for interconnecting a much broader array of constituencies over a single network, connecting suppliers such as laboratories and pharmacies, healthcare providers, consumers and payors government agencies, insurance companies, managed care companies and preferred provider organizations.

While the company's goals are clearly ambitious, its development remains very much in the formative stages, according to analysts. The majority of the company's year-to-date revenues have been generated from the non-Internet, management and consulting services of Actamed, which wasn't acquired until May 1998. And the company has accumulated a deficit of \$71.7 million since its formation in December 1995. "Management is taking on such a huge endeavor that it's fair to say that the key will be in the execution of the strategy," DeNelsky said.

If the company's model proves successful, analysts expect the company to generate revenues not only from the use of its technologies but also from advertisements across the platform. Pharmaceutical companies, for example, would be able to target specifically to specific customers based on queried symptoms.

**Company Names:** HEALTHEON CORP

**Industry Names:** Information industry; Online services

**Product Names:** On-line service providers (737500)

**Concept Terms:** All company; Securities

**Geographic Names:** North America (NOAX); United States (USA) (USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...over a single network, connecting suppliers such as laboratories and pharmacies, healthcare providers, consumers and payors government agencies, insurance companies, managed care companies and preferred provider organizations.



While the company's goals are clearly...

14/5,K/8 (Item 1 from file: 610)  
DIALOG(R)File 610: Business Wire  
(c) 2009 Business Wire. All rights reserved.

00570910 20010813225B1662 (USE FORMAT 7 FOR FULLTEXT)  
**Aventis Pharmaceuticals Launches MyDocOnline Personalized Patient-Physician Interface-Platform's Secure Technology Enables Online Communication To Enhance Interactions**

Business Wire  
Monday, August 13, 2001 08:05 EDT  
**Journal Code:** BW **Language:** ENGLISH **Record Type:** FULLTEXT **Document Type:** NEWSWIRE  
**Word Count:** 903

**Lead Paragraph:**

BRIDGEWATER, N.J., Aug 13, 2001 (BW HealthWire)  
- Aventis Pharmaceuticals Inc., the U.S. pharmaceuticals business of Aventis Pharma AG, today announced the national launch of MyDocOnline, (www.mydoconline.com), an Internet-based communications platform for physicians.

A flash demo is available on the site. MyDocOnline will initially be offered to large group practices and expand to smaller practice groups by year-end.

**Company Names:** aventis; AUSTIN REGIONAL CLINIC; HOECHST AG; RHONE POULENC SA; SECURITIES AND EXCHANGE COMMISSION

**Geographic Names:** AMERICAS; EUROPE; EUROPEAN UNION; FRANCE; NORTH AMERICA; USA; WESTERN EUROPE

**Product Names:** COMMUNICATIONS TECHNOLOGIES; COMPUTER SECURITY; COMPUTER SOFTWARE; COMPUTERS; DATABASES; HEALTH CARE SERVICES; INFORMATION MANAGEMENT; INTERNET; MEDICAL AND HEALTH; PHARMACEUTICAL INDUSTRY; SECURITY

**Event Names:** MERGERS AND ACQUISITIONS; PERSONNEL MANAGEMENT; POLITICAL AND PUBLIC AFFAIRS; REGULATION; RESEARCH AND DEVELOPMENT; STRATEGY AND PLANNING; TECHNOLOGY DEVELOPMENT

**Text:**

...schedule appointments, refill prescriptions, receive specialist referrals, view laboratory results, receive

answers to medical and billing questions, verify insurance eligibility and obtain general and specific health information online. Installation, subscription and transaction fees for the...

...schedule appointments, refill prescriptions, receive specialist referrals, view laboratory results, receive answers to medical and billing questions, verify insurance eligibility and obtain general and specific health information online. MyDocOnline is one component of Aventis' e...

14/5.K/16 (Item 4 from file: 810)  
DIALOG(R)File 810: Business Wire  
(c) 1999 Business Wire . All rights reserved.

0321086 BW128

## **BLUE CROSS & BLUE SHIELD : Blue Cross and Blue Shield of Maryland announces contract with EDS**

February 23, 1993

**Byline:** Business Editors

**Dateline:** BALTIMORE

**Time:** 09:39 PT

**Word Count:** 643

BALTIMORE--(BUSINESS WIRE)--Blue Cross and Blue Shield of Maryland has announced that EDS will assume operation of the insurer's LifeCard division. The LifeCard division transmits 5.8 million claims annually via its electronic network, currently 30 percent of the insurer's total claim volume.

Current LifeCard operations will continue in Blue Cross and Blue Shield's Owings Mills, Md., location and all of LifeCard's employees will be offered employment with EDS.

"Blue Cross and Blue Shield of Maryland welcomes this association with EDS," said Senior Vice President Thomas J. Higgins. "We're confident that the continued expansion of our 'paperless' claims transmission will help us contain administrative costs and provide more efficient service to our subscribers and providers. We selected EDS based on its financial stability and knowledge of the health care industry."

Filing claims electronically instead of through traditional paper-based methods creates cost savings up to \$5 per claim, according to a recent U.S. Department of Health and Human Services study.

EDS will upgrade the existing LifeCard system to an advanced electronic data interchange technology. Once the enhancement is completed, the technology will be used in the Maryland Health

Information Network, a network operated by EDS that could transmit more than 25 million managed care transactions annually, including claims processing, eligibility verification and remittance status requests. Future plans include the opening of a separate Maryland Health Information Network office to direct sales and marketing efforts aimed at attracting new provider and payor members, as well as focus on customer service activities.

The Maryland Health Information Network will eventually expand into an "all-player," statewide network on which all payors, doctors, hospitals, pharmacies, laboratories and others can file insurance claims and exchange health information. This concept is a key element in health care reform packages submitted to Congress and proposals articulated by authorities such as The Jackson Hole Group, the architects of the managed competition concept.

"An all-player electronic data network is at the forefront of the health care reform movement, providing significant cost savings along with a more efficient and error-free method of information processing," said Alice Lusk, corporate vice president and group executive for EDS' Insurance business. "Using technology to better manage health care-related information is key to controlling costs and improving the quality of care. This agreement reflects a shared vision between EDS and Blue Cross and Blue Shield of Maryland."

EDS has formed alliances with CIS Technologies Inc., a Tulsa, Okla.-based public corporation (NASDAQ: CISI), and Health Information Technologies, Inc., (Princeton, N.J.) to implement the network. Health Information Technologies is the developer and operator of Health Link(R), an electronic communications network connecting insurers and doctors. CIS Technologies is a prominent provider of reimbursement management services in the United States, with more than 500 hospital clients in 32 states.

EDS is the largest provider of information technology and management services to the health care industry, with more than 30 years of experience in serving this market. EDS has operations in more than 30 countries, employs more than 70,000 people and is the leader in applying information technology to meet the needs of businesses and governments around the globe. EDS employs approximately 300 people in Maryland and anticipates expansion of its local workforce as the Maryland Health Information Network expands.

Stock reflecting EDS' performance is traded on the New York Stock Exchange under the symbol GME. EDS reported revenues of \$8.2 billion in 1992.

Blue Cross and Blue Shield of Maryland is a non-profit health insurance company, serving more than 1.4 million people in the state of Maryland. The company offers various types of health insurance to individuals and groups throughout the state. In addition, the company provides health care to more than 250,000 Marylanders through its four health maintenance organizations (HMOs).

CONTACT: EDS  
Roger Still, 214/661-6188  
or  
Blue Cross and Blue Shield of Maryland  
Mike Streissguth, 410/998-5681

KEYWORD: MARYLAND OKLAHOMA NEW JERSEY

INDUSTRY KEYWORD: MEDICINE INSURANCE

...eventually expand  
into an "all-player," statewide network on which all payors,

doctors, hospitals, pharmacies, laboratories and others can file insurance claims and exchange health information. This concept is a key element in health care reform...

14/5,K/34 (Item 15 from file: 621)  
DIALOG(R)File 621: Gale Group New Prod.Annou.(R)  
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01043224 **Supplier Number:** 40074000 (THIS IS THE FULLTEXT)  
**The SDI OPTION Laboratory Management System is based on the radical new Intel 80386 32-byte processor chip.**

PR Newswire , p N/A  
June 1, 1987  
**Language:** English **Record Type:** Fulltext  
**Document Type:** Newswire ; Trade  
**Word Count:** 223  
**Text:**  
**SDI**

2363 Teller Road #101  
Newbury Park, CA 91320

CONTACT: Keri L. Thompson  
Product Manager Phone  
(805) 499-1911

Thousand Oaks, CA -- June 1, 1987 -- The SDI OPTION Laboratory Management System is based on the radical new Intel 80386 32-byte processor chip. The system is fully IBM compatible. OPTION is capable of processing up to 5 times the amount of information of a PC/AI and 12 times the amount of information of a PC/XT.

The three versions of the OPTION System; 45 megabyte, 75 megabyte and the 130 megabyte are capable of providing order entry, on line retrieval of data, on line real time quality control, CAP analysis, DRG reporting, billing, third party billing, and a full receivables accounting ledger package. In its smallest version the OPTION System is capable of storing 20,000 patients, in its largest version 100,000 patients. A standard 60 megabyte tape drive is provided for automatic backup and archive.

The software for the OPTION Data Management System is modular in nature, can be customized for the User and comes in hospital and clinical laboratory versions.

The Software is electronic billing approved for Medicare, Medicaid, Blue Cross and variety of other insurance companies. One to thirty-two users can be supported making the OPTION System the most powerful and cost effective micro system on the market today.

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**Publisher Name:** PR Newswire Association, Inc.  
**Company Names:** \*SDI  
**Event Names:** \*330 (Product information )  
**Geographic Names:** \*1U9CA (California )  
**Product Names:** \*3573081 (Health Computer Systems)  
**Industry Names:** BUS (Business, General); BUSN (Any type of business )  
**NAICS Codes:** 334111 (Electronic Computer Manufacturing )  
**Trade Names:** OPTION

-  
...and comes in hospital and  
clinical laboratory versions.

The Software is electronic billing approved for Medicare , Medicaide,  
Blue Cross and variety of other insurance companies. One to thirty-  
two users can be supported making the OPTION System the most...

14/5,K/44 (Item 4 from file: 16)  
DIALOG(R)File 16: Gale Group PROMT(R)  
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07057571 **Supplier Number:** 58916759 (USE FORMAT 7 FOR FULLTEXT)

**E-check Language Published by FSTC.(Brief Article)**

Bank Systems + Technology , v 35 , n 12 , p 10  
Dec , 1998

**ISSN:** 1045-9472

**Language:** English **Record Type:** Fulltext

**Article Type:** Brief Article

**Document Type:** Magazine/Journal ; Trade

**Word Count:** 241

**Publisher Name:** Miller Freeman, Inc.

**Event Names:** \*350 (Product standards, safety, & recalls )

**Geographic Names:** \*1USA (United States )

**Product Names:** \*6005000 (Electronic Banking Svcs); 3573064 (Electronic Funds Transfer Systems)

**Industry Names:** BANK (Banking, Finance and Accounting); BUSN (Any type of business); CMPT  
(Computers and Office Automation )

**NAICS Codes:** 52211 (Commercial Banking); 334111 (Electronic Computer Manufacturing )

**Special Features:** LOB

-  
...supports rich document types, signature semantics and smart cards for  
enhanced security.

Using FSML, an insurer could attach a medical lab invoice to an  
e-check when making a payment to a doctor, explained Frank Jaffe, director  
...

?

0/5,K/1 (Item 1 from file: 621)

DIALOG(R)File 621: Gale Group New Prod.Annou.(R)

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02657725 **Supplier Number:** 65475122 (THIS IS THE FULLTEXT)

**HealthWatch, Inc. and ProxyMed, Inc. Sign Network Services and Co-Marketing Agreement.**

PR Newswire , p NA

Sept 26 , 2000

**Language:** English **Record Type:** Fulltext

**Document Type:** Newswire ; Trade

**Word Count:** 560

**Text:**

ATLANTA, Sept. 26 /PRNewswire/ --

HealthWatch, Inc. (Nasdaq: HEAL) announced today that it has signed an agreement with ProxyMed, Inc. under which HealthWatch will use ProxyMed's network services for connectivity to payers, pharmacies and labs and also provides for cobranding and comarketing of their respective physician office web based application services.

**Under the terms of the agreement, HealthWatch's customers will have access to ProxyNet, ProxyMed's national healthcare network for connectivity to payors, pharmacies, and laboratories, providing them the ability to utilize claims submission and status, eligibility and referral verification, lab test orders and results and prescription services.**

HealthWatch also will be able to offer a cobranded version of proxymed.com, ProxyMed's physician office web portal, to their customers. Additionally, ProxyMed will be able to offer the HealthWatch Web-based HES Practice System as part of proxymed.com. The HealthWatch Web-based HES Practice System includes scheduling, registration, electronic medical records, billing and receivables, patient and provider services and comprehensive reporting capabilities.

David Engert, Chief Operating Officer of HealthWatch, pointed out "this agreement enables both of our organizations to offer our customers a more complete Web-based information solution for physicians by leveraging our advanced HealthWatch HES Practice System Applications with ProxyMed's extensive EDI connectivity and Web Portal content. We are thrilled about the opportunity in front of us for the e-commerce physician marketplace."

According to Jack Guinan, President of ProxyMed's eHealth Services division, "This relationship further advances ProxyMed's position as a provider of connectivity services not only to the users of desktop and client server systems but to users of web based services as well. The addition of practice management functionality to proxymed.com is a very valuable extension of the services proxymed can offer to it's physician customers."

HealthWatch is a healthcare information technology and services company operating as an Enterprise Applications System Provider (ESP) and a Business Services Provider (BSP) for the healthcare industry. HealthWatch offers the HealthCare Enterprise System ("HES System"), which uses proprietary technology to distribute one integrated system capable of processing and tracking enterprise information across the entire healthcare cycle, from the doctor visit, specialty clinic, hospital stay, to laboratory tests, pharmacy prescriptions, home and long term care, and

insurance administration. Engert goes on to say "The traditional niche systems or best of breed approach of other vendors is very expensive and often fails to deliver on the promise of enterprise computing due to a lack of integration, redundant and inconsistent data, and non-standard technologies. The HES Web-based applications are built on an industry-wide data model and integrated by design to deliver cost-effective enterprise solutions. HES is architected for high performance to run efficiently on any hardware, operating system, database or network, including the Internet, and can be outsourced or deployed in-house to leverage a customer's technology investment."

This release contains certain "forward-looking" statements, including statements regarding, among other items, HealthWatch's growth strategy, industry and demographic trends, the ability of HealthWatch to generate additional sales of its products and anticipated trends in its business. Actual results could differ materially from these forward-looking statements as a result of a number of factors, including the need for additional financing, intense competition in various aspects of the company's business, the risks of rapid growth, dependence on key personnel, product obsolescence, and/or lack of market acceptance and other related factors.

For additional information on HealthWatch, contact Marilyn May at (404) 262-0181.

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COPYRIGHT 2000 PR Newswire Association, Inc.

**Publisher Name:** PR Newswire Association, Inc.

**Company Names:** \*HealthWatch Inc.; ProxyMed Inc.

**Event Names:** \*610 (Contracts & orders received )

**Product Names:** \*8000100 (Health Care)

**Industry Names:** BUS (Business, General); BUSN (Any type of business )

**SIC Codes:** 8000 (HEALTH SERVICES )

**NAICS Codes:** 62 (Health Care and Social Assistance )

**Ticker Symbols:** HEAL; PILL

-

...as a provider of connectivity services not only to the users of desktop and client server systems but to users of web based services as well. The addition of practice management...

0/5,K/2 (Item 1 from file: 636)

DIALOG(R)File 636: Gale Group Newsletter DB(TM)

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02994813 **Supplier Number:** 46111472 **(THIS IS THE FULLTEXT)**

**Hospital Bags Legacy Systems,**

Information Management Strategies for Healthcare Executives , v 3 , n 3 , p N/A

Feb 1, 1996

**ISSN:** 1079-7084

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal ; Trade

**Word Count:** 348

**Text:**

Keeps Medical Records, Lab The accounting system will identify charges, create bills, track patient utilization, track guarantor, and verify coverage.

Patient care applications will track admission/ discharge/transfer, order entry, and results reporting.

Houston Northwest Medical Center is installing an "integrated information delivery system" that links all applications and departments in its network.

The new system will improve communication with ancillary departments and allow the medical center to abandon legacy information systems in favor of a client-server, single-vendor solution, says Robert Buckey, director of information services.

Houston Northwest is planning to replace all but its medical records, lab and materials management systems.

The medical center will go live June 1 with a core patient care and accounting system developed by HBO & Co. of Atlanta.

The accounting applications will identify charges, create bills, track patient utilization, track guarantor, and verify coverage.

The patient care applications will track admission/discharge/transfer, order entry, and results reporting from ancillary departments, including lab and radiology.

Interface Engine Links Disparate Systems Houston Northwest will use an interface engine to connect its ancillary departments to the main center using a hub system instead of point-to-point connections. The link will enable the transfer of data such as admission/discharge/transfer, charges and results reporting.

The medical center will install 400 workstations spread throughout the enterprise. The system will ensure confidentiality and data security at the point of log-on, Buckey says.

Houston also is implementing a centralized scheduling system that acts as a single point of contact for physicians and patients.

The decentralized system allows for appointment-scheduling from any department, but keeps the information stored in one place so that it is automatically updated.

The system has improved customer relations in the hospital's increasingly tight managed care market by reducing bottlenecks at registration and improving response time to customer questions, Buckey reports.

The system allows hospital staff to call up a patient's medical record instantly and therefore reduces the need to put the patient on hold when they call with a question.

For more information, contact Buckey at (713) 440-1000.

COPYRIGHT 1996 Atlantic Information Services,  
COPYRIGHT 1996 Atlantic Information Services, Inc.  
COPYRIGHT 1999 Gale Group

**Publisher Name:** Atlantic Information Services, Inc.

**Industry Names:** BUSN (Any type of business); CMPT (Computers and Office Automation); HLTH (Healthcare - Medical and Health)

**Supplier Number:** (USE FORMAT 7 FOR FULLTEXT)



**Text:**

...The accounting system will identify charges, create bills, track patient utilization, track guarantor, and verify coverage .

(c) 2009 Informa UK Ltd

#### **IV. Text Search Results from Dialog (Abstract dbs)**

##### **A. Abstract Databases -- Patent**

[File 347] **JAPIO** Dec 1976-2008/Oct(Updated 090220)  
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[File 350] **Derwent WPIX** 1963-2009/UD=200919  
(c) 2009 Thomson Reuters. All rights reserved.

| Set | Items | Description   |
|-----|-------|---|
| S1  | 144   | S ((SPECIMEN? OR TISSUE?) (2N) (TEST? OR DIAGNOSTIC?) OR LABORATORY OR LAB OR LABS OR SMITH()KLINE OR SMITHKLINE OR LABCORP OR QUEST()DIAGNOSTIC) (6N) (CHARGES OR CHARGING OR BILL??? OR COSTS OR INVOICE? ? OR FEE OR FEES OR COPAY? OR PRICE? OR PAY???)                           |
| S2  | 25    | S (GUARANTOR? OR INSUR? OR RESPONSIB? OR ANSWERABLE OR BENEFACTOR? OR PAYOR? OR CARRIER? OR SPONSOR? OR COVERAGE? OR COVEROR? OR ELIGIB? OR ACCEPTAB? OR MEDICARE OR MEDICAID)  |
| S3  | 34    | S MAINFRAME? ? OR (CORE OR COMMON OR NETWORK OR CENTRAL OR SYSTEM OR MAIN OR SHARED OR MOTHER OR CORPORATE OR VERY()OWN OR IN()HOUSE OR INTERNAL) (4N) (COMPUTER? OR SERVER? ? OR MASTER? ? OR DATABASE? ? OR DATA()BASE? OR DATA(2N)FLOW? OR DATAFLOW? OR NETWORK? OR DATA(2N)STOR?) |
| S4  | 49    | S (QUER? OR VERIF? OR CONFIRM? OR CHECK? OR AUTHENTIC? OR AUTHORIZ? OR APPROV? OR COMPAR? OR IDENTIF? OR INQUIR?)   |
| S5  | 26    | S S2 OR (POLICY OR POLICIES OR THIRD()PART???)  |
| S6  | 77    | S S5 OR S3 OR S4 OR S2  |
| S7  | 44    | S S6 NOT AY>2001  |
| S8  | 44    | IDPAT (sorted in duplicate/non-duplicate order)   |

#### **LISTED DATE IS NOT PRIOR BUT CLOSE**

8/3,K/5 (Item 5 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0012385780 & & *Drawing available*

WPI Acc no: 2002-329232/200236

XRPX Acc No: N2002-258448

**Facilitating delivery of medical services in clinician-patient encounter from a single point of integration of an electronic health-care information service**

Patent Assignee: BECKER S (BECK-I); BOWLIN F (BOWL-I)

Inventor: BECKER S; BOWLIN F

Patent Family ( 4 patents, 94 & countries )

| Patent Number  | Kind | Date     | Application Number | Kind | Date     | Update | Type |
|----------------|------|----------|--------------------|------|----------|--------|------|
| WO 2002001470  | A1   | 20020103 | WO 2001US20605     | A    | 20010627 | 200236 | B    |
| AU 200171575   | A    | 20020108 | AU 200171575       | A    | 20010627 | 200236 | E    |
| US 20020019749 | A1   | 20020214 | US 2000214607      | P    | 20000627 | 200236 | E    |
|                |      |          | US 2001893359      | A    | 20010626 |        |      |
| EP 1316039     | A1   | 20030604 | EP 2001950603      | A    | 20010627 | 200337 | E    |
|                |      |          | WO 2001US20605     | A    | 20010627 |        |      |

Priority Applications (no., kind, date): US 2000214607 P 20000627; US 2001893359 A 20010626

#### Patent Details

| Patent Number                       | Kind  | Lan | Pgs | Draw | Filing Notes           |                |
|-------------------------------------|---|-----|-----|------|------------------------|----------------|
| WO 2002001470                       | A1  | EN  | 67  | 18   |                        |                |
| National Designated States,Original | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW |     |     |      |                        |                |
| Regional Designated States,Original | AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  |     |     |      |                        |                |
| AU 200171575                        | A   | EN  |     |      | Based on OPI patent    | WO 2002001470  |
| US 20020019749                      | A1  | EN  |     |      | Related to Provisional | US 2000214607  |
| EP 1316039                          | A1  | EN  |     |      | PCT Application        | WO 2001US20605 |
|                                     |   |     |     |      | Based on OPI patent    | WO 2002001470  |
| Regional Designated States,Original | AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR   |     |     |      |                        |                |

**Alerting Abstract ...NOVELTY** - Selected diagnosis is prepared, step 400, the preliminary elements of the care plan are **compared** to personal data of the patient and basic medical authority rules are applied to **verify** the elements, step 402 and required changes are determined, step 404 and are made, step 406, before the elements are **compared** to rules from other medical and nonmedical authorities, step 408. If further changes are determined... ..to determine if the proper plan is accepted, step 416 and, if it is an **acceptable** plan, step 418, it can be accepted and initiated, steps 420,422. Original Publication Data by Authority/ArgentinaPublication No. ...**Original Abstracts:**The physician can change any items of the proposed treatment plan (406), with changes being **checked** against **payor** rules (**408**), prior **patient** information and selected authority guidelines. If a diagnosis/treatment element is not **authorized** by the **payor** for the selected **diagnosis**, the system notifies the physician, allowing changes (412) or offering electronic request for **payor authorization**. The system **may indicate** those diagnoses for which **payor** allows said elements, **allowing** the physician to choose a diagnosis that is consistent with the patient's symptoms and... .. diagnosis. The physician can change any items of the proposed treatment plan, with changes being **checked** against **payor** rules, prior patient information and selected **authorities'** guidelines. **If** a diagnosis or treatment element is not **authorized** by the **payor** for the selected diagnosis, the **system** notifies the **physician**, allowing changes or offering electronic request for **payor authorization**. Additionally, the system may indicate those diagnoses **for which payor** allows said elements, allowing the physician to choose **a** diagnosis that is consistent with the patient's symptoms and supports the desired

treatment. Upon... .. a diagnostic and treatment plan, the plan elements are preferably carried out automatically. For example, **payor authorizations** are requested as necessary, prescriptions are transmitted to the patient's preferred pharmacy, laboratory tests are ordered, and tests, referrals, and appointments are scheduled... .. The physician can change any items of the proposed treatment plan (406), with changes being checked against **payor** rules (408), prior patient information and selected authority guidelines. If a **diagnosis/treatment element** is not **authorized** by the **payor** for the selected diagnosis, the system notifies the physician, allowing **changes** (412) or **offering** electronic request for **payor authorization**. The system may indicate those diagnoses for which **payor** allows said elements, **allowing** the physician to choose a diagnosis that is consistent **with** the patient's symptoms and supports the desired treatment. Upon accepting a diagnostic/treatment plan... .. **Claims**:proposed plan of action composed of functional data;if the proposed plan of action is **acceptable** to the clinician, accepting the plan of action; and if the proposed plan of action is not **acceptable** to the **clinician**, altering or adding to the one or more elements until in order to make them **acceptable** for the care of a specific patient,wherein the method differentiates between descriptive data and functional data, the descriptive data regarding the **patient's** history, symptoms and physical examination findings being used by the clinician to form the...

8/3,K/7 (Item 7 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)  
Derwent WPIX  
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0011168107 & *Drawing available*

WPI Acc no: 2002-105661/200214

Related WPI Acc No: 2002-113449; 2002-204943; 2003-626142; 2005-090120

XRPX Acc No: N2002-078600

**Security management method for distributed healthcare system, involves assigning role defining operation such as accessing patient's records, creating lab requisitions and viewing lab test results to user account**

Patent Assignee: JOHNSON R D (JOHN-I); SCHURENBERG K B (SCHU-I); YEAGER R C (YEAG-I)

Inventor: JOHNSON R D; SCHURENBERG K B; YEAGER R C

Patent Family ( 1 patents, 1 & countries )

| Patent Number  | Kind | Date     | Application Number | Kind | Date     | Update | Type |
|----------------|------|----------|--------------------|------|----------|--------|------|
| US 20010051879 | A1   | 20011213 | US 1999167532      | P    | 19991201 | 200214 | B    |
|                |      |          | US 2000728763      | A    | 20001130 |        |      |

Priority Applications (no., kind, date): US 1999167532 P 19991201; US 2000728763 A 20001130

Patent Details

| Patent Number  | Kind | Lan | Pgs | Draw | Filing Notes           |               |
|----------------|------|-----|-----|------|------------------------|---------------|
| US 20010051879 | A1   | EN  | 137 | 102  | Related to Provisional | US 1999167532 |

**Alerting Abstract ...NOVELTY** - A user account is created and linked with a health data **network** (HDN) business unit which may be a hospital, clinic, physician office, laboratory or **insurance** payer. Role defining operations such as accessing patient's records, creating lab requisitions and viewing... ..**DESCRIPTION OF DRAWINGS** - The figure shows the block diagram illustrating a health data **network** including

electronically connected healthcare business units. Original Publication Data by Authority Argentina **Publication No. ...Original Abstracts:**healthcare system, such as a system for placing laboratory orders and receiving test results. The **network** of healthcare businesses **that** use the **system** is referred to **herein** as a Health Data **Network**, or HDN. When **the** user log on to the system, the user connects to the system on behalf of a Health Data **Network** (HDN) Business. Through **the** user's user account, the user is linked with HDN Businesses. The user may be.... practice may be configured as a single HDN Business. In this case, the practice's **data** may be **stored in a central location** and can **be** accessed by all users who have the appropriate permissions. However, if the user's practice.... must have permission to actually use the many functions of the system, and need access **to the data stored** across the **HDN**. As part of creating the user's permission profile, the user is assigned a role that.... **Claims:**the method comprising:creating a user account;linking the user account with a Health Data **Network** (HDN) business;assigning a role to the user account, wherein the role **defines** operations that the user is allowed to perform.

8/3,K/44 (Item 44 from file: 347) [Links](#)

Fulltext available through: [Order File History](#)

JAPIO

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06721945 \*\*Image available\*\*

## **DIGITAL LABORATORY AND ITS SYSTEM**

**Pub. No.:** 2000-307783 [JP 2000307783 A ]

**Published:** November 02, 2000 (20001102)

**Inventor:** SHIMA TOSHIHIRO

**Applicant:** SEIKO EPSON CORP

**Application No.:** 11-118133 [JP 99118133]

**Filed:** April 26, 1999 (19990426)

### **ABSTRACT**

...information source of print contents and some print conditions from a client through a communication **network**, acquires print contents 69 from a designated information source 51, renders the print contents according... Di01

?

[File 348] **EUROPEAN PATENTS** 1978-200915  
(c) 2009 European Patent Office. All rights reserved.

[File 349] **PCT FULLTEXT** 1979-2009/UB=20090402IUT=20090326  
(c) 2009 WIPO/Thomson. All rights reserved.

| Set | Items | Description  |
|-----|-------|--|
| S1  | 750   | S ((SPECIMEN? OR TISSUE?) (2N) (TEST? OR DIAGNOSTIC?) OR LABORATOR???                |
|     |       | OR LAB OR LABS OR SMITH()KLINE OR SMITHKLINE OR LABCORP OR QUEST()DIAGNOSTIC)        |
|     |       | (6N) (CHARGES OR CHARGING OR BILL??? OR COSTS OR INVOIC? OR FEE OR FEES OR COPAY? OR |
|     |       | PRICE? OR PAY???)  |
| S2  | 521   | S (GUARANTOR? OR INSUR? OR RESPONSIB? OR ANSWERABLE OR BENEFACTOR?                   |
|     |       | OR PAYOR? OR CARRIER? OR SPONSOR? OR COVERAGE? OR COVEROR? OR ELIGIB? OR ACCEPTAB?   |
|     |       | OR MEDICARE OR MEDICAID OR POLICY OR POLICIES OR THIRD()PART???)                     |
| S3  | 303   | S MAINFRAME? ? OR (CORE OR COMMON OR NETWORK OR CENTRAL OR SYSTEM                    |
|     |       | OR MAIN OR SHARED OR MOTHER OR CORPORATE OR VERY()OWN OR IN()HOUSE OR                |
|     |       | INTERNAL) (4N) (COMPUTER? OR SERVER? ? OR MASTER? ? OR DATABASE? ? OR DATA()BASE? OR |
|     |       | DATA(2N)FLOW? OR DATAFLOW? OR NETWORK? OR DATA(2N)STOR?)                             |
| S4  | 701   | S (QUER? OR VERIF? OR CONFIRM? OR CHECK? OR AUTHENTIC? OR AUTHORIZ?                  |
|     |       | OR APPROV? OR COMPAR? OR IDENTIF? OR INQUIR?)  |
| S5  | 33    | S S1 (7N) S2   |
| S6  | 4     | S S5 (7N) S3   |
| S7  | 9     | S S5 (12N) S4  |
| S8  | 12    | S S6 OR S7   |
| S9  | 7     | S S8 NOT AY>2001   |

9/3K/1 (Item 1 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

**EUROPEAN PATENTS**

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00723335

**Remote access medical network.**

Medizinisches Netzwerk mit Fernzugriff.

Reseau medical a acces a distance.

**Patent Assignee:**

- **AT&T GLOBAL INFORMATION SOLUTIONS INTERNATIONAL INC.;** (1449481)  
1700 South Patterson Boulevard; Dayton, Ohio 45479; (US)  
(applicant designated states: DE;FR;GB)

**Inventor:**

- **Yaker, Rhoda**  
240 Hamden Road; Annandale, New Jersey 08801; (US)
- **Laughlin, David Paul**  
1020 Carlo Drive; Kettering, Ohio 45429; (US)

• **Horst, William Richard**

Deceased; ; (US)

**Legal Representative:**

• **Irish, Vivien Elizabeth et al (32204)**

International IP Department, NCR Limited, 206 Marylebone Road; London NW1 6LY; (GB)

|             | Country | Number   | Kind | Date     |         |
|-------------|---------|----------|------|----------|---------|
| Patent      | EP      | 683465   | A2   | 19951122 | (Basic) |
|             | EP      | 683465   | A3   | 19960612 |         |
| Application | EP      | 95303254 |      | 19950516 |         |
| Priorities  | US      | 248267   |      | 19940519 |         |

**Designated States:**

DE; FR; GB;

**International Patent Class (V7):** G06F-017/60; ; **Abstract Word Count:** 185

| Type | Pub. Date | Kind | Text |
|------|-----------|------|------|
|------|-----------|------|------|

Publication: English

Procedural: English

Application: English

| Available Text                        | Language  | Update | Word Count |
|---------------------------------------|-----------|--------|------------|
| CLAIMS A                              | (English) | EPAB95 | 308        |
| SPEC A                                | (English) | EPAB95 | 1434       |
| Total Word Count (Document A) 1742    |           |        |            |
| Total Word Count (Document B) 0       |           |        |            |
| Total Word Count (All Documents) 1742 |           |        |            |

**Specification:** ...hospital bills to insurance network 12. Pharmacy remote terminal 34 transmits a patient's pharmacy **bills to insurance network 12**. **Laboratory** remote terminal 38 transmits a patient's **laboratory bills to insurance network 12**. Physician remote terminal 42 transmits a patient's physician bills to insurance network 12...

9/3K/4 (Item 2 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00801844

**ELECTRONIC HEALTHCARE INFORMATION AND DELIVERY MANAGEMENT SYSTEM**  
**SYSTEME ELECTRONIQUE DE GESTION DES INFORMATIONS RELATIVES AUX SOINS DE**  
**SANTE ET DE LA DIFFUSION**

**Patent Applicant/Patent Assignee:**

- **RECARE INC**

Suite 207, 9801 Anderson Mill Road, Austin, TX 78750; US; US(Residence); US(Nationality); (For all designated states except: US)

**Patent Applicant/Inventor:**

- **LIPSCHER Randolph**

12349 Metric Boulevard #1524, Austin, TX 78758; US; US(Residence); --(Nationality); (Designated only for: US)

- **GRIFFIN Christopher**

2003 Kenwood Avenue, Austin, TX 78704; US; US(Residence); --(Nationality); (Designated only for: US)

- **DAHLIN Michael**

118 Bluff Park Circle, Austin, TX 78746; US; US(Residence); --(Nationality); (Designated only for: US)

**Legal Representative:**

- **RUSSELL Douglas D(agent)**

Taylor Russell & Russell, P.C., Building One, Suite 1200, 4807 Spicewood Springs Road, Austin, TX 78759; US;

|             | Country | Number      | Kind | Date     |
|-------------|---------|-------------|------|----------|
| Patent      | WO      | 200135376   | A1   | 20010517 |
| Application | WO      | 2000US31253 |      | 20001110 |
| Priorities  | US      | 99165056    |      | 19991112 |
|             | US      | 99440557    |      | 19991115 |

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR,  
 BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM,  
 DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
 KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
 MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,  
 RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,  
 TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,  
 ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
 GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
 MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
 UG; ZW;



[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 19968

**Detailed Description:**

...included

software for creating and storing medical records, writing and transmitting prescriptions, ordering and reviewing **lab** tests, **verifying insurance coverage** and **billing** of services.

Attempts at solving these problems involve computer software and hardware systems that are... ..to further streamline several aspects of medical practice including medical records, prescription writing and delivery, **lab** ordering, **insurance verification** and **billing**. The Internet offers a low-cost, universally available platform for creating, accessing, and delivering data...

9/3K/5 (Item 3 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00772922

**METHOD OF SEQUENCING CHRONIC DISEASE TESTING, REPORTING AND EVALUATION**  
METHODES DE SEQUENCEMENT DES OPERATIONS DE TEST, DE COMMUNICATION ET  
D'EVALUATION DANS LE CADRE DE LA GESTION DE MALADIES CHRONIQUES

**Patent Applicant/Inventor:**

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• **MUSSATTO James J**

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**Legal Representative:**

• **STITT Richard P**

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|             | Country | Number      | Kind | Date     |
|-------------|---------|-------------|------|----------|
| Patent      | WO      | 200106429   | A1   | 20010125 |
| Application | WO      | 2000US18780 |      | 20000708 |
| Priorities  | US      | 99353865    |      | 19990715 |

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

CA

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 10808

**Claims:**

...monitoring for return of said specimen from the patient  
receiving said specimen from the patient **confirming payor** data for received **specimen**, performing **testing**  
on said **specimen** according to said test parameters set to generate a test result, and reporting said test...

9/3K/3 (Item 1 from file: 349) [Links](#)

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PCT FULLTEXT

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00867346

**METHOD AND APPARATUS FOR FACILITATING DELIVERY OF MEDICAL SERVICES**  
**PROCEDE ET APPAREIL DESTINES A FACILITER L'EXECUTION DE SERVICES MEDICAUX**

**Patent Applicant/Inventor:**

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• **BOWLIN Frank**

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**Legal Representative:**

• **SCHEINBERG Michael O(agent)**

P.O. Box 164140, Austin, TX 78716-4140; US;

|             | Country | Number      | Kind | Date     |
|-------------|---------|-------------|------|----------|
| Patent      | WO      | 200201470   | A1   | 20020103 |
| Application | WO      | 2001US20605 |      | 20010627 |
| Priorities  | US      | 2000214607  |      | 20000627 |

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,  
BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ,  
DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,  
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,  
KE, KG, KP, KR, LC, LK, LR, LS, LT, LU,  
LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO,

NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,  
SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,  
VN, YU, ZA, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 14155

#### Detailed Description:

...he can have the CareGrid™ engine 78 display at his option from a list of **laboratory** tests that are **payor approved** for the diagnosis or from a list of all laboratory

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test...181), requests are sent to outside providers, including laboratories, pharmacies and hospitals.

Information sent to **laboratories** includes **billing** information, **payor** data, requisitions, labels, reports, and **inquiries**. Information sent to hospitals and ancillary facilities includes scheduling test and procedures, billing data, payor...

9/3K/6 (Item 4 from file: 349) [Links](#)

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00730954

#### METHOD, DEVICE AND SYSTEM FOR FACILITATING ENTRY AND UPDATE OF MULTI-SOURCE MEDICAL INFORMATION

PROCEDE, DISPOSITIF, ET SYSTEME POUR FACILITER L'ENTREE ET LA MISE A JOUR  
D'INFORMATIONS MEDICALES MULTISOURCES

#### Patent Applicant/Patent Assignee:

##### • MEDITECH INFORMATION SYSTEMS LTD

12 Hights Cross Road, Chappaqua, NY 10514; US; US(Residence); US(Nationality)

#### Inventor(s):

• **KLEIN Edward E**

12 Haights Cross Road, Chappaqua, NY 10514; US

**Legal Representative:**

• **RZUCIDLO Eugene C**

Graham & James LLP, 885 Third Avenue, 21st Floor, New York, NY 10022; US;

|             | Country | Number     | Kind | Date     |
|-------------|---------|------------|------|----------|
| Patent      | WO      | 200043941  | A1   | 20000727 |
| Application | WO      | 2000US1427 |      | 20000120 |
| Priorities  | US      | 99233869   |      | 19990120 |
|             | US      | 99356750   |      | 19990719 |

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR,  
BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM,  
EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,  
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,  
LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,  
MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,  
TZ, UA, UG, UZ, VN, YU, ZA, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;  
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 10191

**Detailed Description:**

...of input databases including, for example, at least one of: a pharmacy database, a medical **laboratory** test facility database, a **billing** database or an **insurance database**. Typically, a **central database** can be accessible by at least one network. The medical information unit may be one...a plurality of input databases including at least one of: a pharmacy database, a medical **laboratory** test facility database, a **billing** database or an **insurance database**. A **central database** is generally accessible by at least one network. The medical information unit may be one...

**Claims:**

...a plurality of input databases including at least one of: a pharmacy database, a medical **laboratory** test facility database, a **billing** database or an **insurance database**.

4 The **system** of claim 1 wherein the central database is accessible by at least one network.

5...

## B. Abstract Databases – NON-PATENT

[File 5] **Biosis Previews(R)** 1926-2009/Apr W2  
(c) 2009 The Thomson Corporation. All rights reserved.

[File 73] **EMBASE** 1974-2009/Apr 15  
(c) 2009 Elsevier B.V. All rights reserved.

[File 155] **MEDLINE(R)** 1950-2009/Apr 13  
(c) format only 2009 Dialog. All rights reserved.

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2009/Apr W2  
(c) 2009 The Thomson Corp. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec  
(c) 2006 The Thomson Corp. All rights reserved.

[File 74] **Int.Pharm.Abs** 1970-2009/Feb B1  
(c) 2009 The Thomson Corporation. All rights reserved.

[File 42] **Pharm. News Index** 1974-2009/Mar W4  
(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 35] **Dissertation Abs Online** 1861-2009/Mar  
(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13  
(c) 2002 Gale/Cengage. All rights reserved.  
*\*File 583: This file is no longer updating as of 12-13-2002.*

[File 65] **Inside Conferences** 1993-2009/Apr 16  
(c) 2009 BLDSC all rts. reserv. All rights reserved.

[File 2] **INSPEC** 1898-2009/Apr W1  
(c) 2009 Institution of Electrical Engineers. All rights reserved.

[File 474] **New York Times Abs** 1969-2009/Apr 16  
(c) 2009 The New York Times. All rights reserved.

[File 475] **Wall Street Journal Abs** 1973-2009/Apr 16  
(c) 2009 The New York Times. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2009/Feb  
(c) 2009 The HW Wilson Co. All rights reserved.

[File 256] **TecInfoSource** 82-2009/Dec  
(c) 2009 Info.Sources Inc. All rights reserved.

| Set | Items | Description  |
|-----|-------|--|
| S1  | 7285  | S ((SPECIMEN? OR TISSUE?)(2N)(TEST? OR DIAGNOSTIC?) OR LABORATOR???)<br>OR LAB OR LABS OR SMITH()KLINE OR SMITHKLINE OR LABCORP OR QUEST()DIAGNOSTIC)<br>(6N)(CHARGES OR CHARGING OR BILL??? OR COSTS OR INVOICE? OR FEE OR FEES OR COPAY? OR<br>PRICE? OR PAY???)                           |
| S2  | 1844  | S (GUARANTOR? OR INSUR? OR RESPONSIB? OR ANSWERABLE OR BENEFACITOR?<br>OR PAYOR? OR CARRIER? OR SPONSOR? OR COVERAGE? OR COVEROR? OR ELIGIB? OR ACCEPTAB?<br>OR MEDICARE OR MEDICAID OR POLICY OR POLICIES OR THIRD()PART???)  |
| S3  | 233   | S MAINFRAME? ? OR (CORE OR COMMON OR NETWORK OR CENTRAL OR SYSTEM<br>OR MAIN OR SHARED OR MOTHER OR CORPORATE OR VERY()OWN OR IN()HOUSE OR<br>INTERNAL)(4N)(COMPUTER? OR SERVER? ? OR MASTER? ? OR DATABASE? ? OR DATA()BASE? OR<br>DATA(2N)FLOW? OR DATAFLOW? OR NETWORK? OR DATA(2N)STOR?) |
| S4  | 2803  | S (QUER? OR VERIF? OR CONFIRM? OR CHECK? OR AUTHENTIC? OR AUTHORIZ?<br>OR APPROV? OR COMPAR? OR IDENTIF? OR INQUIR?)   |
| S5  | 306   | S S1(7N)S2   |
| S6  | 4     | S S3(7N)S5   |
| S7  | 14    | S S4(7N)S5   |

6/5,K/1 (Item 1 from file: 73) [Links](#)

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EMBASE

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0075196552 **EMBASE No:** 1992348243

**The impact of information technology on group practice**

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Medical Group Management Journal ( MED. GROUP MANAGE. J. ) ( United States )

December 1, 1992 , 39/6 (57-59)

**CODEN:** MGMJE **ISSN:** 0899-8949

**Document Type:** Journal ; Review **Record Type:** Citation

**Language:** English

**Medical Descriptors:**

\* information system; \*medical practice

computer; computer program; cost; cost benefit analysis; **data base**; health care **system**;  
hospital **billing**; **laboratory**; **medicaid**; medical care; medical record; **medicare**; monitoring;  
patient care; reimbursement; review

**SECTION HEADINGS:**

Public Health, Social Medicine and Epidemiology

Biophysics, Bioengineering and Medical Instrumentation  
Health Policy, Economics and Management

**Medical Descriptors:**

\*

computer; computer program; cost; cost benefit analysis; **data base**; health care **system**;  
hospital **billing**; **laboratory**; **medicaid**; medical care; medical record; **medicare**; monitoring;  
patient care; reimbursement; review

**Orig. Descriptors:**



## **V. Additional Resources Searched**

No additional results of relevance were found in the additional databases identified in the cover correspondence.